Weather Event Simulator
Case Study

Originating Office	:	WFO Brownsville
Date of Case	:	8 April 2003
Contacts	:	Kurt.Vanspeybroeck@noaa.gov
Weather Event	:	Severe Weather - Tornado/Severe Thunderstorm
Learning Objectives	:	This set of simulations focuses on the severe convection across Deep South Texas during the early morning hours of April 8th. The objective is to let the trainee experience the warning process and learn when and what to warn. A secondary objective is to give novice meteorologist experience using WarnGen software.
Available Data	:	All radar data for KBRO, lowest elevation angle data for KCRP, KEW and KDFX..
	:	AWIPS model guidance fields.
	:	All AWIPS satellite imagery.
	:	All AWIPS point data.
	:	All AWIPS redbook graphics.
	:	LAPS amd MSAS gridded output.
Time Period of Data	:	1100 to 1500 UTC Apr 8, 2003.
Type of Simulation	:	Displaced Real Time Simulation -- Self Guided or Observed.
Completion Time	:	Four hours.
Additional Materials	:	WordPerfect and Word versions of the Simulation Guide on the DVD-ROM will be loaded into a 2003Apr08/DOCS directory.
Installation	:	Use the CaseInstaller.tcl script to install the case specifying one (1) DVD-ROM, the appropriate directory (e.g., /data/awips) on the appropriate hard drive (e.g., /dev/sdb1). The case directory will be called 2003Apr08.
Special Instructions	:	This case includes localizations for WES versions 1.0, 1.1 and 1.2. Please “cd” to the 2003Apr08/localizationDataSets subdirectory and extract (zcat | tar -xvf -) the appropriate localization for your version of the WES software.